

FORMALDEHYDE

Understanding Potential Human Cancer Risk: From Data Integration to Risk Evaluation

Workshop

Purpose and Objectives

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Formaldehyde Science Invited Experts Workshop

October 10-11, 2017

IRIS Workshop on Formaldehyde

April 2014

The workshop focused on three themes:

- The influence of endogenous formaldehyde on the toxicity of inhaled formaldehyde, and implications for the health assessment;
- Mechanistic evidence relevant to inhaled formaldehyde and lymphohematopoietic cancers (leukemia and lymphomas); and
- Epidemiological research on formaldehyde exposure and lymphohematopoietic cancers (leukemia and lymphomas).

IRIS Workshop on Formaldehyde

April 2014

The overarching goal of the EPA workshop:

“To facilitate scientific discussion of these topics and the scientific challenges they pose for assessing the health hazards of inhaling formaldehyde.”

<https://www.epa.gov/iris/formaldehyde-workshop>

Today's Workshop: Purpose

**Collaboration
Discussion
Innovation
Understanding**

To provide a broadly collaborative opportunity to develop innovative approaches to integrating toxicological, mechanistic and epidemiological evidence and understanding their contributions to scientifically sound risk assessments.

Today's Workshop: Objectives

Review
Integration
Causality
Data gaps
Risk Assessment

Review major lines of evidence on formaldehyde exposure and cancers.
Explore approaches to integrating evidence to reach causal conclusions.
Identify data requirements and gaps regarding cancer hazard and risk assessment.
Define key health endpoints and frameworks for objective risk assessment.

Enjoy the Workshop!